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-445		WO 84/04242	11/1984	PCT	A61F			
	AM	07080023	03/1995	JP (Abstract)	A61F	13/15		
	AN	0 650 714 A1	05/1995	EPO	A61F	13/15		
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	ノ _{AB}		5,855,574	01/1999	Kling et al.						
	AC		5,897,545	04/1999	Kline et al.						
	AD		6,287,287	09/2001	Elsberg						
	AE		6,328,725	12/2001	Fernfors						
	AF		6,395,115	05/2002	Popp et al.						
	AG		6,409,858	06/2002	Popp et al.						
	АН		6,432,243	08/2002	Popp et al.						
	Al		6,432,248	08/2002	Popp et al.						
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lla	AA	4,145,763	03/1979	Abrams et al.	_			
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	AC	4,205,679	06/1980	Repke et al.				
	AD	4,610,680	09/1986	LaFleur				
	AE	4,615,695	10/1986	Cooper				
	AF	4,699,622	10/1987	Toussant et al.		HE(EIVE	D
	AG	5,087,253	02/1992	Cooper		JUN	0 3 2002	
	АН	5,370,634	12/1994	Ando et al.		TECHNOLOG	(00)	
	Al	5,779,831	07/1998	Schmitz			CENTER	3700
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AF 3,341,394 09/1967 Kinney	
AG 3,502,763 03/1970 Hartmann	
AH 3,502,538 03/1970 Petersen	,
Al 3,542,615 11/1970 Dobo et al.	
AJ 4,704,116 11/1987 Enloe	
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FOREIGN PATENT DOCUMENTS	
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AL 217 032 02/1992 EPO	
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